

Math Sheet

Name _____ Score _____ / 10 Teacher _____ Date _____

Adding and Subtracting Rational Expressions

Add or subtract. Write each answer in fully reduced form and keep the original denominator restrictions.

1. $\frac{-6}{2} - \frac{7}{6z-1}$

2. $\frac{9r-9}{r+9} - \frac{-2}{7r-5}$

3. $\frac{-2z^5+6z^2}{3z^6+5z} + \frac{5z^6-9}{3z^6+5z}$

4. $\frac{-3z-9}{-9z+7} - \frac{3z+1}{8z-4}$

5. $\frac{5x-2}{-x-5} + \frac{9}{5x-9}$

6. $\frac{-2p^2-6z^2}{2p^5z^4} - \frac{-9z^4+4z^3}{2p^5z^4}$

7. $\frac{8s-9}{-8s-1} + \frac{-6}{4}$

8. $\frac{2n^4-2n^2}{5x^3} - \frac{4n-4x}{5x^3}$

9. $\frac{q+2}{q^6-1} + \frac{-3}{q^6-1}$

10. $\frac{4p^2+8p}{4m^3p^2} + \frac{-4p^2-13p}{4m^3p^2}$
